

L-5F

Polyflon® PTFE Low Polymer

ASTM D 5675

Type 1 Grade 2 Class A

Applications:

Dry Lubricant

Plastic and Elastomer Additive

Binder for Inorganic Powders

Oil and Grease Additive

Paint and Printing Ink Additive

Characteristics

Polyflon PTFE Low Polymer L-5F is a low molecular weight polytetrafluoroethylene. This white powder can be used as an additive in other materials to improve wear resistance, non-stick properties and to reduce coefficient of friction.

Polyflon PTFE Low Polymer L-5F is well suited as an additive to plastics and elastomers such as polyamide, polyacetal, polyester, polycarbonate and TPE. It is also used as a dry lubricant or an additive for paint and printing ink.

Polyflon PTFE Low Polymer L-5F is superior in handling and dispersing in other materials, including plastics such as POM.

Typical Properties of Polyflon PTFE Low Polymer L-5F

Properties	Units	L-5F
Appearance		Fine White Powder
Bulk Density	g/ml	0.4 – 0.5
Average Particle Size	µm	3-7
Primary Particle Size	µm	0.15 - 0.20
BET Surface Area	m ² /g	12
Melting Point	°C	327
Volatility Index	wgt %	0.2

*Typical properties are not suitable for specification purposes..

Safe Handling

Although Polyflon PTFE Low Polymer L-5F presents no hazard under normal processing conditions, read the Safety Data Sheet before beginning processing operations.

WARNING: VAPORS HARMFUL IF INHALED.

Packaging

Polyflon PTFE Low Polymer L-5F is packed in 25kg drums.